

Environmental Protection Agency

§ 432.101

best available technology economically achievable:

[Milligrams per liter—effluent]

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Ammonia	8.0 mg/l	4.0

[44 FR 50748, Aug. 29, 1979]

§ 432.94 [Reserved]

§ 432.95 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Metric units (kg/kg of finished product)		
BOD ₅	0.74	0.37
TSS	0.90	0.45
Oil and grease	0.26	0.13
pH	(¹)	(¹)
Fecal coliform	(²)	(²)
English units (lb/1,000 lb of finished product)		
BOD ₅	0.74	0.37
TSS	0.90	0.45
Oil and grease	0.26	0.13
pH	(¹)	(¹)
Fecal coliform	(²)	(²)

¹ Within the range 6.0 to 9.0.

² Maximum at any time 400 mpn/100 ml.

§ 432.96 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property	Pretreatment standard
BOD ₅	No limitation.
TSS	Do.
Oil and grease	Do.
pH	Do.
Fecal coliform	Do.

[40 FR 909, Jan. 3, 1975, as amended at 60 FR 33966, June 29, 1995]

§ 432.97 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 432.92 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 25001, July 9, 1986]

Subpart J—Renderer Subcategory

SOURCE: 40 FR 910, Jan. 3, 1975, unless otherwise noted.

§ 432.100 Applicability; description of the renderer subcategory.

The provisions of this subpart are applicable to discharges resulting from the manufacture of meat meal, dried animal by-product residues (tankage), animal oils, grease and tallow, perhaps including hide curing, by a renderer.

§ 432.101 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) The term “renderer” shall mean an independent or off-site rendering operation, conducted separate from a slaughterhouse, packinghouse or poultry dressing or processing plant, which manufactures at rates greater than 75,000 pounds of raw material per day of meat meal, tankage, animal fats or

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oils, grease, and tallow, and may cure cattle hides, but excluding marine oils, fish meal, and fish oils.

(c) The term “tankage” shall mean dried animal by-product residues used in feedstuffs.

(d) The term “tallow” shall mean a product made from beef cattle or sheep fat that has a melting point of 40 °C or greater.

(e) The term “raw material” or as abbreviated herein, “RM”, shall mean the basic input materials to a renderer composed of animal and poultry trimmings, bones, meat scraps, dead animals, feathers and related usable by-products.

§ 432.102 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

(a) Except as provided in §§125.30 through 125.32, and subject to the provisions of paragraph (b) of this section, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of raw material)	
BOD ₅	0.34	0.17
TSS	0.42	0.21
Oil and grease	0.20	0.10
pH	(¹)	(¹)
Fecal coliform	(²)	(²)
Effluent characteristic	English units (lb/1,000 lb of raw material)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of raw material)	
BOD ₅	0.34	0.17
TSS	0.42	0.21
Oil and grease	0.20	0.10
pH	(¹)	(¹)
Fecal coliform	(²)	(²)

¹ Within the range 6.0 to 9.0.

² Maximum at any time 400 mpn/100 ml.

(b) The limitations given in paragraph (a) of this section for BOD₅ and TSS are derived for a renderer which does no cattle hide curing as part of

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the plant activities. If a renderer does conduct hide curing, the following empirical formulas should be used to derive an additive adjustment to the effluent limitations for BOD₅ and TSS.

BOD₅ Adjustment (kg/kkg RM) = $[8.0 \times (\text{number of hides}) / \text{kg of raw material}]$ (lb/1,000 lb RM) = $[17.6 \times (\text{number of hides}) / \text{lbs of raw material}]$

TSS Adjustment (kg/kkg RM) = $[11.0 \times (\text{number of hides}) / \text{kg of raw material}]$ (lb/1,000 lb RM) = $[24.2 \times (\text{number of hides}) / \text{lbs of raw material}]$

[40 FR 910, Jan. 3, 1975; 40 FR 11874, Mar. 14, 1975, as amended at 60 FR 33966, June 29, 1995]

§ 432.103 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of raw material)	
Ammonia	0.14	0.07
Effluent characteristic	English units (lb/1,000 lb of raw material)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of raw material)	
Ammonia	0.14	0.07

[44 FR 50748, Aug. 29, 1979]

§ 432.104 [Reserved]

§ 432.105 Standards of performance for new sources.

(a) Subject to the provisions of paragraph (b) of this section, the following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart: